

# EXHIBIT A

SUPREME COURT OF THE STATE OF NEW YORK  
COUNTY OF KINGS

-----X  
ARBEN MUSTAFA,

Index No.: 22284

JUN 28 2000

Plaintiff,

against-

ACCUPRESS MFG. LTD.

Defendants.

VERIFIED COMPLAINT

Plaintiff, by and through his attorneys, Rheingold, Valet, Rheingold & Shkolnik, P.C., states as follows:

PARTIES

1. Plaintiff Arben Mustafa is a resident of Kings County, New York.
2. At all relevant times, defendant ACCUPRESS MFG. LTD., was and is a Canadian corporation engaged in the design, manufacture, marketing, distribution and sale of machines, including the Accupress press brake machine.
3. This Court has jurisdiction over defendant ACCUPRESS MFG. LTD., pursuant to CPLR §302(a)(3)(ii).

FACTUAL BACKGROUND

4. On or about June 2, 1998, plaintiff was working for Eliou & Scopelitis Steel Fabrication as a laborer.
5. On or about June 3, 1998 at or about 7:20 A.M., plaintiff was feeding metal sheets into the Accupress press brake machine used to bend metal.
6. While plaintiff was feeding sheet metal into the press brake machine, the press activated and closed on both of plaintiff's arms, severing his hands at the wrist.

FIRST CAUSE OF ACTION- NEGLIGENCE

7. Defendant ACCUPRESS MFG, LTD., was negligent in designing, manufacturing, marketing, distributing and selling the Accupress press brake machine with several defects, including, but not limited to, the following:

- (a) the hand activation buttons were overridden by a foot pedal activation device defeating their purpose and safety benefit;
- (b) failure to provide a necessary safety device;
- (c) failure to warn potential users about the machine's dangerous propensities.

8. As a result of the aforementioned accident, plaintiff suffered non-economic damages relating to mental and physical pain, injuries to both hands, requiring the re-attachment of the two, which has resulted in permanent disability and caused serious difficulties with plaintiff's normal activities. Plaintiff has also suffered economic damages relating to past and future medical expenses and past and future loss of earning capacity.

9. Plaintiff's injuries are a proximate result of the negligence of the defendants.

10. Defendant is therefore liable to plaintiff in the amount of five million dollars.

SECOND CAUSE OF ACTION - STRICT PRODUCTS LIABILITY

11. Plaintiff re-poses and realleges paragraphs 1 through 10.

12. Defendant ACCUPRESS MFG, LTD., designed, manufactured, marketed, distributed and sold a product that was unreasonably dangerous.

13. The aforementioned defects existed when defendant placed the Accupress press brake machine into the stream of commerce.

14. Plaintiff's injuries were a proximate result of one or more of said defects.

15. By engaging in the aforesaid conduct, defendant is strictly liable to plaintiff in the amount of five million dollars.

THIRD CAUSE OF ACTION - BREACH OF WARRANTY

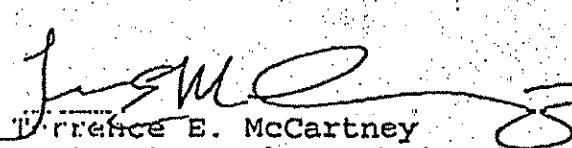
16. Plaintiff repeats and realleges paragraphs 1 through 15.

17. Defendant ACCUPRESS MFG, LTD., has breached applicable warranties, express and implied, and is therefore liable in the amount of five million dollars.

WHEREFORE, plaintiff demands judgment against the defendant:

- a. Compensatory damages on each Cause of Action in the amount of 5 million dollars;
- b. All together with interest, costs and disbursements;
- c. Such other and further relief as this Court deems just and proper.

Dated: New York, New York  
June 22, 2000

  
Lawrence B. McCartney  
Rheingold, Valet, Rheingold  
& Shkolnik, P.C.  
Attorneys for Plaintiff  
111 East 37th Street  
New York, NY 10016  
(212) 684-1880

SUPREME COURT OF THE STATE OF NEW YORK  
COUNTY OF KINGS

-----X  
ARBEN MUSTAFA,

Index No. :

Plaintiff,

-against-

ACCUPRESS MFG., LTD.

VERIFICATION

Defendants.

-----X

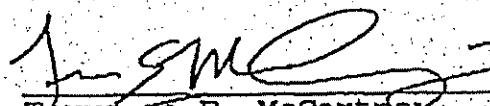
TERRENCE E. McCARTNEY, an attorney duly admitted to practice law in the Courts of New York, affirms the following to be true:

1. That I am a member of the law firm of Rheingold, Valet, Rheingold, & Shkolnik, P.C., attorney for plaintiff in the within action. That I have read the foregoing complaint and know the contents thereof, and that the same are true to my knowledge, except as to the matters herein stated to be alleged upon information and belief, and that as to these matters I believe them to be true.

2. That the sources of my information and knowledge are records and investigation reports maintained within the file.

3. That the reason this verification is made by the affirmand not by the plaintiff is that plaintiff does not not reside in the County of New York, which is the county wherein this firm maintains its office.

Dated: New York, New York  
June 22, 2000

  
Terrence E. McCartney

UNITED STATES DISTRICT COURT  
EASTERN DISTRICT OF NEW YORK

----- X  
ARBEN MUSTAFA :  
Plaintiff, : Civil Action No. 00 4851 (DGT)  
vs. :  
ACCUPRESS MFG, LTD. :  
Defendant. :  
----- X

Defendant Halkin Tool, Ltd. ("Halkin"), improperly named herein as Accupress Mfg., Ltd., by its attorneys, Herzfeld & Rubin, P.C., for its Answer to the Verified Complaint, states as follows, upon information and belief:

1. Denies knowledge or information sufficient to form a belief as to the truth of the allegations set forth in paragraph one (1) of the Verified Complaint.
2. Denies the allegations set forth in paragraph two (2) of the Verified Complaint, except admits that Halkin is a Canadian corporation.
3. Denies the allegations set forth in paragraph three (3) of the Verified Complaint as a legal conclusion of the pleader.
4. Denies knowledge or information sufficient to form a belief as to the truth of the the allegations set forth in paragraph four (4) of the Verified Complaint.
5. Denies knowledge or information sufficient to form a belief as to the truth of the the allegations set forth in paragraph five (5) of the Verified Complaint.
6. Denies knowledge or information sufficient to form

a belief as to the truth of the the allegations set forth in paragraph six (6) of the Verified Complaint.

AS TO THE FIRST CAUSE OF ACTION

7. Denies the allegations set forth in paragraph seven (7) of the Verified Complaint.

8. Denies the allegations set forth in paragraph eight (8) of the Verified Complaint.

9. Denies the allegations set forth in paragraph nine (9) of the Verified Complaint.

10. Denies the allegations set forth in paragraph ten (10) of the Verified Complaint.

AS TO THE SECOND CAUSE OF ACTION

11. As and for its response to paragraph eleven (11) of the Verified Complaint, defendant repeats and realleges its responses to paragraphs one (1) through ten (10) of the Verified Complaint as if fully set forth herein.

12. Denies the allegations set forth in paragraph twelve (12) of the Verified Complaint.

13. Denies the allegations set forth in paragraph thirteen (13) of the Verified Complaint.

14. Denies the allegations set forth in paragraph fourteen (14) of the Verified Complaint.

15. Denies the allegations set forth in paragraph fifteen (15) of the Verified Complaint.

AS TO THE THIRD CAUSE OF ACTION

16. As and for its response to paragraph sixteen (16) of the Verified Complaint, defendant repeats and realleges its responses to paragraphs one (1) through fifteen (15) of the Verified Complaint as if fully set forth herein.

17. Denies the allegations set forth in paragraph seventeen (17) of the Verified Complaint.

FIRST AFFIRMATIVE DEFENSE

18. The Verified Complaint fails to state a claim against Halkin.

SECOND AFFIRMATIVE DEFENSE

19. The injuries, if any, allege to have been sustained by the plaintiff or caused, in whole or in part, by the negligence or other culpable conduct of the plaintiff.

THIRD AFFIRMATIVE DEFENSE

20. If the plaintiff was injured as alleged in the Verified Complaint, all of which has been denied by the answering defendant, said injuries were proximately caused by the acts or omissions of one or more persons over whom the defendant had no control.

FOURTH AFFIRMATIVE DEFENSE

21. If the plaintiff sustained injuries in the manner alleged, all of which has been denied by the answering defendant, and if the assessed liability of the answering defendant is fifty percent (50%) or less of the total liability assigned to all persons liable, then the liability of the answering defendant to plaintiff to non-economic loss shall not exceed the answering defendant's equitable share determined in accordance with the relative culpability of each person causing or contributing to the total liability for non-economic loss.

FIFTH AFFIRMATIVE DEFENSE

22. Plaintiff's claims are barred because any damage claimed to have been suffered by plaintiff was due solely to plaintiff's failure to mitigate damages.

SIXTH AFFIRMATIVE DEFENSE

23. Any alleged failure of performance in the product which is the subject of this action ("the Product") was caused by the alteration, misuse and/or improper maintenance of the Product, rather than any defect in the materials, workmanship or merchantability of the Product.

SEVENTH AFFIRMATIVE DEFENSE

24. Any alleged failure of performance in the Product was caused by ordinary wear of the Product, rather than any

defect in the materials, workmanship or merchantability of the Product.

EIGHTH AFFIRMATIVE DEFENSE

25. The Product was not defective or dangerous at any time when and if defendant had possession or control of it.

NINTH AFFIRMATIVE DEFENSE

26. Upon information and belief the accident alleged and the injuries claimed to have been sustained by the plaintiff were the result of a modification of the Product.

TENTH AFFIRMATIVE DEFENSE

27. Any and all risks, hazards and dangers were open, obvious and apparent, natural and inherent and unknown or should have been known by the plaintiff and he assumed all such risks, hazards and defects.

ELEVENTH AFFIRMATIVE DEFENSE

28. Plaintiff's claim for breach of warranty is barred by the statute of limitations.

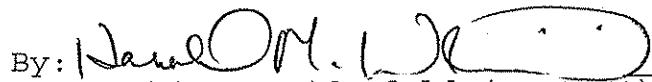
TWELFTH AFFIRMATIVE DEFENSE

29. This Court lacks personal jurisdiction over the defendant on the grounds that plaintiff has failed to effect proper service of process.

WHEREFORE, Halkin respectfully requests judgment in its favor, together with costs and disbursements, or, in the alternative, in the event the Court renders judgment in favor of plaintiffs, that the Court reduce any judgment awarded to plaintiff based on plaintiff's contributory negligence or other culpable conduct, or the negligence or other culpable conduct of others, and that the Court grant such other and further relief as the Court may deem just and proper.

Dated: New York, New York  
August 18, 2000

HERZFELD & RUBIN, P.C.

By:   
Harold M. Weidenfeld (HW 9569)  
40 Wall Street  
New York, New York 10005  
(212) 344-5500

Attorneys for Defendant  
HALKIN TOOL, LTD.

Of Counsel:

Mark F. McCarthy  
ARTER & HADDEN, LLP  
1100 Huntington Building  
925 Euclid Avenue  
Cleveland OH 44115-1475  
(216) 696-1100

TO: Rheingold, Valet, Rheingold  
& Shkolnik, P.C.  
Attorneys for Plaintiff  
113 E. 37<sup>th</sup> Street  
New York, NY 10016  
(212) 684-1880

AFFIDAVIT OF SERVICE BY MAIL

STATE OF NEW YORK )  
                         ) ss.:  
COUNTY OF NEW YORK)

LORI RICCIO being duly sworn, deposes and says:

Deponent is not a party to the action, is over 18 years of age and resides at Staten Island, New York, that on the 18<sup>th</sup> day of August 2000, deponent served a copy of the within ANSWER upon the following attorneys for the parties shown below at the address shown below, being the address designated by said attorneys for the purpose, by depositing a true copy of same enclosed in a postpaid, properly addressed wrapper in an official depository under the exclusive care and custody of the United States Post Office Department within the State of New York.

TO: Rheingold, Valet, Rheingold  
& Shkolnik, P.C.  
Attorneys for Plaintiff  
113 E. 37<sup>th</sup> Street  
New York, NY 10016



LORI RICCIO

Sworn to before me this  
18<sup>th</sup> day of August 2000



Deborah Ann Horan  
Notary Public

DEBORAH ANN HORAN  
Notary Public, State of New York  
No. 01H04689838  
Qualified in Queens County  
Certificate Filed in New York County  
Commission Expires August 31, 2001

# EXHIBIT B

UNITED STATES DISTRICT COURT  
EASTERN DISTRICT OF NEW YORK

-----X

ARBEN MUSTAFA,

CV-00-4851 (DGT) (JMA)

Plaintiff,

DEFENDANT'S

-against-

INITIAL DISCLOSURE

F.R.Civ.P. Rule 26(a)(1)

ACCUPRESS MFG., LTD.,

Defendant.

-----X

HALKIN TOOL, LTD. ("HALKIN"),  
improperly named herein as  
"ACCUPRESS MFG., LTD.,

Third-Party Plaintiff,

-against-

ELIOU STEEL FABRICATION, INC.,

Third-Party Defendant.

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Defendant, Halkin Tool LTD. ("HALKIN"), improperly named herein as Accupress Mfg., by its attorneys Herzfeld & Rubin, P.C., hereby provides Initial Disclosures pursuant to F.R.Civ.P. Rule 26(a)(1).

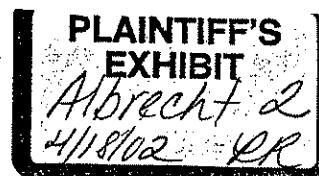
#### BACKGROUND

The complaint alleges that on or about June 3, 1998 plaintiff was injured in the course of his employment as a laborer for Eliou & Scopelitis Steel Fabrication while feeding metal sheets into an Accupress press brake machine used to bend metal.

The press brake machine has been identified as a Model no. 725012, serial no. 1710.

Rule 26(a)(1)(A) Individuals likely to have discoverable information.

Mr. Dean Albrecht  
Halkin Tool Ltd.



Rule 26(a)(1)(B) Documents relevant to claims.

Annexed hereto are copies of:

- (a) HALKIN's machine file for the subject machine; and
- (b) The instruction manual for the subject machine.

Rule 26(a)(1)(C) Damages.

This is directed to plaintiff.

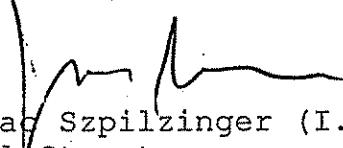
Rule 26(a)(1)(D) Insurance information.

HALKIN is not insured for the incident set forth in the complaint.

Dated: New York, New York  
January 9, 2001

Yours, etc.,

HERZFIELD & RUBIN, P.C.  
Attorneys for Defendant/  
Third Party Plaintiff  
Halkin Tool Ltd. improperly named  
herein as Accupress Mfg., Ltd.

By:   
Isaac Szpilzinger (I.S.-1844)  
40 Wall Street  
New York, New York 10005  
212-344-5500

TO: Rheingold, Valet, Rheingold & Shkolnik, P.C.  
Attorneys for Plaintiff  
113 East 37<sup>th</sup> Street  
New York, New York 10016  
(212) 684-1880

O'Connor & O'Connor, LLP  
Attorneys for Third-Party Defendant  
Eliou Steel Fabrication, Inc.  
200 Mamaroneck Avenue  
White Plains, New York 10601  
(914) 686-1700

## WALSH-ATKINSON COMPANY, INC.

P.O. BOX 822, 307 E OLD COUNTRY ROAD

HICKSVILLE, NY 11801

(516) 822-0910 • (212) 962-7650 • (201) 335-7600

FAX: (516) 822-0913

WA-6285

ORDERED BY FAX

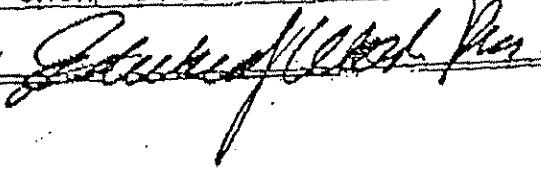
ACCUPRESS MFG. LTD.  
13160 PRINCESS STREET  
RICHMOND, BC, CANADA V7E 3S2

ELIOU STEEL FABRICATION INC.  
130 GREEN STREET  
BROOKLYN, NY 11222

| OF ORDER | DATE REQUIRED   | SHIP VIA    | F.O.B.       |                 |           |
|----------|---|-------------|--------------|-----------------|-----------|
| 3/13/90  | 10 WEEKS  | TRUCK       | RICHMOND, BC |                 |           |
| 7% CASH  | X FOR RE-SELL   | FOR OWN USE | FOR (DEPT.)  | REQUISITION NO. | QUOTE NO. |
| QUANTITY | DESCRIPTION   |             |              | PRICE           | AMOUNT    |
| 1        | FIRST NEW STYLE<br>ACCUPRESS MODEL 725012 PRESSBRAKE, SN<br>1Z10, WITH 230 VOLT/3 PHASE/60 CYCLE<br>HIGH SPEED OPTION**<br>TONNAGE CONTROL<br>27" POWER-OPERATED BACKGAUGE WITH<br>DIGITAL READOUT IN .001" WITH INCH/<br>METRIC CONVERSION** |             |              | \$53,500.00     |           |
| 1        | POWER ECCENTRIC   |             |              | 1,500.00        |           |
| 1        | TONNAGE CONTROL   |             |              | 570.00          |           |
| 1        | 27" POWER-OPERATED BACKGAUGE WITH<br>DIGITAL READOUT IN .001" WITH INCH/<br>METRIC CONVERSION**   |             |              | 2,750.00        |           |
| 1        | POWER ECCENTRIC   |             |              | 1,000.00        |           |
| 1        | 4-4 DIE HOLDER WITH 3 BURNOUTS FOR<br>MOUNTING  |             |              | 1,170.00        |           |
| 1        | UP-1 8" LONG PUNCH  |             |              | 360.00          |           |
| 1        | L-4 8" LONG DIE   |             |              | 320.00          |           |
| 1        | UP-4 8" LONG PUNCH  |             |              | 520.00          |           |
| 1        | L-12 8" LONG DIE  |             |              | 700.00          |           |
| 1        | UP-60-2 6" LONG 30° PUNCH   |             |              | 380.00          |           |
| 1        | L-60-4 6" 30° DIE   |             |              | 380.00          |           |
|          |   |             |              | \$63,150.00     |           |
|          | LESS 17% - 10,735.50  |             |              |                 |           |
|          |   |             |              | \$52,414.50     |           |
|          | LESS 7% CASH - 3,669.02   |             |              |                 |           |
|          |   |             |              | \$48,745.48     |           |

OUR ORDER NO. MUST APPEAR ON ALL INVOICES, PACKAGES AND  
IMPORTANT: CORRESPONDENCE. NOTIFY US IMMEDIATELY IF UNABLE TO SHIP  
BY DATE REQUIRED.

BY



09/21/90

MACHINE: PRESS BRAKE

1

MACHINE MODEL: 725012

SERIAL NUMBER: 1710

DEALER: Walsh-Atkinson Co. Ltd.  
 Box 822, 307E Old Country Rd  
 Hicksville, NY 11801  
 (516) 822-0910

CUST.: Eliou Steel Fabrication Inc.  
 130 Green Street  
 Brooklyn, NY 11222

\* DEALER O/N : WA-6285  
 \* DATE RECEIVED : Sept 21/90  
 \* SHIPMENT PROMISED: Nov 29/90  
 \* INV # :  
 \* FAX FOR FUNDS :  
 \* CHEQ REC'D :  
 \* DATE SHIPPED :  
 \*

\*\*\*\*\*  
 \* OPTIONS:

## ELECTRICAL:

\* Backgauge: Mark II Power  
 \* Tonnage Control  
 \* Power Eccentric  
 \* High speed hydraulic package  
 \* 4-4-12'D.H., UP1-8', L4-8', UP4-8'  
 \* L12-8', UP60-2-6', L60-4-6'  
 \*

Voltage: 230  
 Main Motor: BALDOR 30 HP/286T/1800 RPM  
 Eccentric Motor : Eurodrive R40DT71D4  
 #1 Overload: Telemecanique LR1F105  
 #2 Overload: Telemecanique LR1D09307

## HYDRAULIC:

Manifold Dwg #: 1-3113  
 Hyd. Pump: Denison VICKERS 3520VSH-35-8  
 Main Directional Valves:  
 High Volume Valve : Rex. 4WEH22G60  
 High Pressure Valve : Rex. 4WEH22T460P4.5  
 H.P. Relief Valve Setting: 3550 PSI NEW-STD  
 Check Valve: C1200S65  
 Relief Valve: Fluid 1A30F60S, Sun RPIC-LAN  
 Oil Cooler: Thermal Transfer AO10  
 Coupling: Woods 10s  
 4000 PSI Cyl.: 6" Dia. x 24" Stroke NEW-STD

\*\*\*\*\*  
 \* NON-STANDARD:

REVISED COPY  
 DESTROY PREVIOUS ISSUE  
 Date OCT 10 1990

GEOMETRY:

Stroke Length: 8" STD  
 Open Height: 16" STD  
 Closed Height: 8" STD  
 Throat Depth: 10" STD

SHEET SIZES:

RAM 003.000 X 046.000 X 144.000 NEW-STD  
 CAP 005.000 X 010.500 X 144.500 NEW-STD  
 BED 005.000 X 023.750 X 140.000 NEW-STD  
 FLANGE 005.000 X 014.000 X 136.000 NEW STD  
 FRAMES 003.000 X 047.563 X 087.500 NEW-STD  
 ROCKER 002.500 X 021.750 X 055.500 NEW-STD

\*\*\*\*\*

PRESS BRAKE HYDRAULIC DATA SHEET CHECK-OUT

DATE: Nov 28/90

MODEL 725012 SERIAL NO. 1710

Schematic Diagram No. \_\_\_\_\_

- A) RESERVOIR: Capacity \_\_\_\_\_ U.S. Gallons  
(Height x Width x Length) 10 x 14 x 96
- B) MOTOR: Make Baldor Frame 286T  
Horsepower 30 H.P. Voltage 230 V. Amps 76 A.
- C) COUPLING:  Lovejoy L110  Woods 10 S
- D) DOUBLE PUMP:  Vickers V2010-1 F S S-1  
 Denison T6CC-                   -1R  
 Denison T6DC-035-008-1R28 -211  
 Vickers 2520-V A -1
- Other  \_\_\_\_\_

Pump Serial No. \_\_\_\_\_

- E) MAIN DIRECTIONAL VALVE: HP=High Pressure  
HV=High Volume  
HP HV  
  Parker D61VW8C320Y40  
  Parker D61VW9C24Y  
  Rexroth 4WEH22T 60/6AND/5  
  Rexroth 4WEH22G60/6AW120-60/B12/5V
- F) CHECK VALVE:  Parker 65M90 Other  CXFA XFM  J
- G) PRESSURE SWITCH:  Rexroth HED-40A15/350Z4  
 Allen Bradley 836T-T35 J
- H) HIGH PRESSURE RELIEF VALVE:  Fluid Controls 1A30F 6 OS  
 \_\_\_\_\_
- I) LOW PRESSURE RELIEF VALVE:  Fluid Controls 1A30F 0 OS  
 Sun RPIC-LAN  
Other  \_\_\_\_\_
- J) FILTER RELIEF:  RPR-2S
- K) RETURN FILTER:  Fram C-1671
- L) SUCTION STRAINER:  1 1/2 inch dia.  
 2 1/2 inch dia.  
 3 inch dia.
- M) COOLER:  Thermal Transfer M10  Thermal Transfer A0 10  
 Thermal Transfer A0 20
- N) PRESSURE GAUGE:  0-3000 p.s.i.  Stem  Back Qty. \_\_\_\_\_  
 0-4000 p.s.i.  Stem  Back Qty. \_\_\_\_\_  
 0-5000 p.s.i.  Stem  Back Qty. \_\_\_\_\_
- O) MAIN MANIFOLD DRAWING:  16752/C (Standard Bed Mounted)  
 14111/B (Standard Table Mounted)
- P) SETTINGS: High Pressure Relief 3550 p.s.i. @ 38 amps.  
Low Pressure Relief 1000 p.s.i. @ 39 amps.
- Q) PILOT ORIFICE: N/A inch dia.
- R) PILOT PRESSURE: \_\_\_\_\_ p.s.i. @ \_\_\_\_\_ deg. F.
- S) NON-STANDARD: 1. Tested on 450V  
2. Parker main directional valves  
3. \_\_\_\_\_

PRESS BRAKE ELECTRICAL COMPONENTS

H - 2

PRESS BRAKE MODEL 725062 SERIAL NO. 1710Schematic No 5-4597 3-4544 Cabinet No. 9198 9198  
3-4544 3-4643

|                           |  |  |  |
|---------------------------|--|--|--|
| TRANSFORMER               | [ <input checked="" type="checkbox"/> ] Hammond 129604                   |  |  |
| DISCONNECT SWITCH         | [ <input type="checkbox"/> ] Amalgamated 2636 I                          |  |  |
| DISCONNECT SWITCH         | [ <input type="checkbox"/> ] Amalgamated 3636 I                          |  |  |
| DISCONNECT SWITCH         | [ <input type="checkbox"/> ] Amalgamated 4636 I                          |  |  |
| CIRCUIT BREAKER           | C.B. [ <input type="checkbox"/> ] 3A                                     | C.B. [ <input type="checkbox"/> ] 3.5A               | C.B. [ <input type="checkbox"/> ] 4A   |
| CIRCUIT BREAKER           | <u>1-2</u>   | <u>C.B. [<input checked="" type="checkbox"/>] 5A</u> | <u>C.B. [<input type="checkbox"/>] 8A</u>  |
| CIRCUIT BREAKER           |  |  | <u>C.B. [<input type="checkbox"/>] 10A</u>   |
| #1 CONTACTOR (Main Motor) | [ <input type="checkbox"/> ] Telemecanique LC1 D 253 H7K                 |  |  |
|                           | [ <input type="checkbox"/> ] Telemecanique LC1 D 503 H7K                 |  |  |
|                           | [ <input type="checkbox"/> ] Telemecanique LC1 D 633 H7K                 |  |  |
|                           | [ <input checked="" type="checkbox"/> ] Telemecanique LC1-FF43           |  |  |
|                           | [ <input type="checkbox"/> ] Telemecanique LC1-FQ43                      |  |  |
|                           | [ <input type="checkbox"/> ] Telemecanique LC1-FH43                      |  |  |
|                           | [ <input type="checkbox"/> ] Telemecanique CN2-HC 133 H7K                |  |  |
| #2 CONTACTOR (Ram Tilt)   | [ <input checked="" type="checkbox"/> ] Telemecanique LC2 D 099 H7K      |  |  |
| #3 CONTACTOR (Backgauge)  | [ <input type="checkbox"/> ] Telemecanique LC2 D 099 H7K                 |  |  |
| #1 OVERLOAD               | [ <input checked="" type="checkbox"/> ] Telemecanique LR1- <u>F-105</u>  |  |  |
| #1 OVERLOAD               | [ <input type="checkbox"/> ] Telemecanique RA1-                          |  |  |
| #2 OVERLOAD               | [ <input checked="" type="checkbox"/> ] Telemecanique LR1- <u>D-9307</u> |  |  |
| #3 OVERLOAD               | [ <input type="checkbox"/> ] Telemecanique LR1-                          |  |  |
| AUXILIARY CONTACT         | [ <input type="checkbox"/> ] Telemecanique LA1-D20                       |  |  |
| AUXILIARY CONTACT         | [ <input type="checkbox"/> ] Telemecanique ZC1-                          |  |  |
| INDICATOR LIGHT           | <u>1-2</u>   | L.T.   | [ <input checked="" type="checkbox"/> ] Telemecanique ZB2BV6-ZB2BV04               |
| PUSHBUTTON                | <u>1</u>   | P.B.   | [ <input checked="" type="checkbox"/> ] Telemecanique ZB2-BZ102                    |
| PUSHBUTTON                | <u>2</u>   | P.B.   | [ <input checked="" type="checkbox"/> ] Telemecanique ZB2-BW061                    |
| PUSHBUTTON                | <u>3,4</u>   | P.B.   | [ <input checked="" type="checkbox"/> ] Telemecanique ZB2-BZ101                    |
| PUSHBUTTON                | <u>5,6</u>   | P.B.   | [ <input checked="" type="checkbox"/> ] Telemecanique ZB2-BZ10 <u>5 (C2) BE101</u> |
| PUSHBUTTON                | <u>7,8</u>   | P.B.   | [ <input checked="" type="checkbox"/> ] Telemecanique ZB2-BZ10 <u>5 (C2) BE101</u> |
| SELECTOR SWITCH           | <u>1-2</u>   | S.S.   | [ <input checked="" type="checkbox"/> ] Telemecanique ZB2-BZ105 (+1) BE102         |
| SELECTOR SWITCH           | <u>3</u>   | S.S.   | [ <input checked="" type="checkbox"/> ] Telemecanique ZB2-BZ10                     |
| SELECTOR SWITCH           | <u>4</u>   | S.S.   | [ <input type="checkbox"/> ] Telemecanique ZB2-BZ10                                |
| SELECTOR SWITCH           | <u>5</u>   | S.S.   | [ <input type="checkbox"/> ] Telemecanique ZB2-BZ10                                |
| CONTROL RELAY             | <u>2,4-5</u>   | C.R.   | [ <input checked="" type="checkbox"/> ] Izumi RH2B-UL 120V.                        |
| CONTROL RELAY             | <u>1-3</u>   | C.R.   | [ <input checked="" type="checkbox"/> ] Izumi RH3B-UL 120V.                        |
| CONTROL RELAY             | <u>6</u>   | C.R.   | [ <input type="checkbox"/> ] Izumi RH4B-UL 120V.                                   |
| LATCH RELAY               | <u>1-2</u>   | L.R.   | [ <input type="checkbox"/> ] Omron MY2K 120V.                                      |
| TIME DELAY RELAY          | <u>1</u>   | T.R.   | [ <input checked="" type="checkbox"/> ] Omron H3Y-2-US 120V.                       |
| TIME DELAY RELAY          | <u>2</u>   | T.R.   | [ <input type="checkbox"/> ] Omron H3BH-8 120V.                                    |
| LIMIT SWITCH              | <u>7,8</u>   | L.S.   | [ <input checked="" type="checkbox"/> ] Telemecanique XCRL 115 H7                  |
| LIMIT SWITCH              | <u>9,10</u>  | L.S.   | [ <input type="checkbox"/> ] Micro DT-2R-A7/MD3211Q                                |
| LIMIT SWITCH              | <u>1-2,5</u>   | L.S.   | [ <input checked="" type="checkbox"/> ] Micro BZ2RQ18-A2                           |
| LIMIT SWITCH              | <u>3,4</u>   | L.S.   | [ <input checked="" type="checkbox"/> ] Micro BZ2RQ1-A2                            |
| LIMIT SWITCH              | <u>6</u>   | L.S.   | [ <input checked="" type="checkbox"/> ] Micro DTE-62RN                             |

██  
 ██████████ PRESS BRAKE ███  
 ██████████ QUALITY CONTROL CHECK-OUT █████████████████████████████  
 ███  
 MODEL NUMBER 725012

## CYCLING CHARACTERISTICS

## SIGNATURE

Robert McCracken

## COMPLETION DATE

Dec 5/90

## SERIAL NUMBER

1710

## LIMIT SWITCHES SET

- 19 1/2 CYCLE/MIN @ 3 " STROKE
- REPEATABILITY IN AUTO MODE  $\pm 0.0005"$
- REPEATABILITY IN JOG MODE  $\pm 0.001"$
- CROWNS AND BOWS
- BED CROWN
- RAM CROWN
- RAM BOW

Not Marked

- RAM UP 16 IN.
- RAM DOWN 8 IN.
- STROKE LENGTH 8 IN.
- TORQUE UPPER 0.072 IN.
- TORQUE LOWER 0.072 IN.
- B.G. READOUT @ 26 1/2 IN.
- POWERED ECCENTRICS 1.7~1.8 AMPS.

## PARALLELISM

- WAYS BOX ECC. OUTER 0.015"
- WAYS BOX ECC. INNER 0.025"
- WAYS BOX S.G. OUTER 0.015"
- WAYS BOX S.G. INNER 0.025"
- ECC. RAM LUG OUTER 0.025"
- ECC. RAM LUG INNER 0.025"

## INSTALLATION PRESSURES

## PRESSURE SETTINGS &amp; AMP DRAWS

- MAIN BRG ECC. 600 PSI.
- MAIN BRG S.G. 1,200 PSI.
- MAIN PIN ECC. 4000 PSI.
- MAIN PIN S.G. 3800 PSI.

- 30 H.P. MOTOR 30 V @ 76 AMPS
- H.P. 3550. PSI @ 88 AMPS
- L.P. 1000 PSI @ 103 AMPS
- U.B. 1600 PSI @ 103 AMPS

## TORQUE SPECS

- RAM RAISING 97
- MACHINE @ IDLE 39 AMPS

- CONN ROD ECC TOP 25 FT/LBS
- CONN ROD ECC BOT 130 FT/LBS
- CONN ROD S.G. TOP 25 FT/LBS
- CONN ROD S.G. BOT 130 FT/LBS

- MECHANICAL
- CYLINDER STYLE *calibrated*
- WAYS BOX STYLE *weld on*

## MISCELLANEOUS

- GREASE NIPPLES 1/4" *each*
- DIE CLAMP SPRINGS *Mach Shp*
- DIE/HOLDER CLAMPS *Check*
- SERIAL NO. ON FRAME *Check*
- NAMEPLATES & SAFETY DECALS *Print*
- OIL DRAINED *Check*
- OIL FILLED *Check*
- RAM TONNAGE HOSE/S 27 1/2" (22")
- !!!!!!! FINISHED MACHINE CONFORMS TO SHIPPING REQUISITION !!!!!!!

- ALLEN KEY PROVIDED *Check*
- MANUAL/S INCLUDED *Print*
- PUTTY/PAINT/RUSTPROOF *Check*
- PLASTIC WITH WARNING TAPE *Check*
- MACHINE CONFORMS TO ORDER *Check*
- ECC. GEAR REDUCER R40A, 29.36:1 *Check*
- ECC. SPROCKETS (TEETH) 14:17
- RAM TONNAGE GAUGE *14000 LBS. 51*

## NON-STANDARD (EXAMPLE, SHIMMED BEARINGS, LOOSE FITS

*Red s/s P. set up by J.L.  
 RAM INFLDEN WAS SET - Scott W. Knutson  
 Powered by a 1/4 HP Baldor motor. SPEC - 29712. Serial No. - D2590037. 115V. 4.6 AMPS.  
 RPM: 3,7-3,8 AMPS.*